



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

October 15, 1998

TO: Lowell P. Braxton, Division Director

THRU: Mary Ann Wright, Associate Director

THRU: D. Wayne Hedberg, Permit Supervisor *DWH*

FROM: Anthony A. Gallegos, Senior Reclamation Specialist *aa*

RE: Request for Division Approval, Amount and Form of Replacement Reclamation Surety, ECDC Environmental L.C., ECDC Clay Mine, M/015/062, Emery County, Utah

On July 2, 1998, the Division received a Direct Cancellation Notice from the Insurance Company of the State of Pennsylvania, for the surety posted for the ECDC Clay Mine located in Emery County. The cancellation date was to be effective May 17, 1998. The surety was for the amount of \$20,600. The Division's legal counsel required a letter be sent to the Insurance Company stating the Division would not honor this cancellation notice because the surety bond required a written cancellation notice 90-days in advance; therefore, the bond could not be canceled until October 2, 1998. Upon contacting ECDC they stated they would submit a new surety bond rather than re-instating the bond currently held. The Division updated the surety amount to reflect five years of escalation into the future.

On September 15, 1998, the Division received a replacement reclamation surety issued by United Pacific Insurance Company for the updated amount of \$24,100. There were some errors on this bond and Division legal counsel advised that we return the bond for corrections. The replacement surety bond and reclamation contract with corrections were received October 15, 1998. The old surety bond is effectively canceled.

The Minerals Regulatory program hereby submits this replacement surety bond and reclamation contract as a request for Division approval and signature. Thank you for your time and consideration of this request.

jb  
Attachments  
M015062.div

## DOGM MINERALS PROGRAM

### Checklist for Board Approval of FORM AND AMOUNT OF SURETY

Prepared June 8, 1993

Company Name ECDC-Environmental  
Mine Name ECDC Clay Mine  
File No. M/015/062

Items	Provided		Remarks
	Yes	No	
Executive Summary	X		
Location Map	X		
Reclamation Bond Estimate	X		
Signed Reclamation Contract	X		
Signed Power of Attorney/ Affidavit of Qualification	X		
Bond/Reclamation Surety	X		
Surety Sign Off (Other State/Federal Agencies)		X	

## EXECUTIVE SUMMARY

Prepared June 7, 1993

<b>Mine Name:</b> <u>ECDC Clay Project</u>	<b>I.D. No:</b> <u>M/015/062</u>
<b>Operator:</b> <u>ECDC-Environmental</u>	<b>County:</b> <u>Emery</u>
<u>1111 West Highway 123, P. O. Box 69</u>	<b>New/Existing:</b> <u>Existing</u>
<u>East Carbon, Utah 84520</u>	<b>Mineral Ownership:</b> <u>Private</u>
	<b>Surface Ownership:</b> <u>Private</u>
<b>Telephone:</b> <u>801/888-4451</u>	<b>Lease No.(s):</b> <u>none</u>
<b>Contact Person:</b> <u>Gary Nielson</u>	<b>Permit Term:</b> <u>life of Mine</u>

**Life of Mine:** two years

**Legal Description:** NE 1/4, NW 1/4 and NW 1/4, NE 1/4, Section 1, Township 16 South,  
Range 11 East and SE 1/4, Section 36, Township 15 South, Range 11 East

**Mineral(s) to be Mined:** Bentonite Clay

**Mining Methods:** open pit/quarry mining

**Acres to be Disturbed:** 18

**Present Land Use:** mining

**Postmining Land Use:** domestic livestock and wildlife habitat

**Variances from Reclamation Standards (Rule R647) Granted:** R647-4-111.12 Topsoil  
Redistribution

### Soils and Geology:

**Soil Description:** Shallow layers of Chipeta and Persayo soils (poorly developed soils) over  
mainly Mancos shale and eroding shale outcrop.

**pH:** unknown

**Special Handling Problems:** Because of previous mining disturbance little topsoil material will  
be available for reclamation.

**Geology Description:** The mine is located at the transition zone between Dakota Sandstone  
and the Blue Gate Member of the Mancos Shale

**Hydrology:**

**Ground Water Description:** The ground water table is predicted to be at or near the elevation of the Price River. The excavated pits will not be dug to deep enough to intercept the groundwater.

**Surface Water Description:** No intermittent or perennial streams are located on the site. However, the Price River does flow adjacent to and within 5 feet of the mine site area. An ephemeral drainage does cross the site. The operator plans to rechannel this drainage to allow room onsite for an ore stockpile. Rechannalization should not adversely effect this drainage.

**Water Monitoring Plan:** none

**Ecology:**

**Vegetation Type(s); Dominant Species:** shadescale, rabbitbrush, saltbrush, indian ricegrass

**Percent Surrounding Vegetative Cover:** 20%

**Wildlife Concerns:** none

**Surface Facilities:** Portable onsite crushing and screening facility

**Mining and Reclamation Plan Summary:** . . . .

**During Operations:**

ECDC will mine a shallow open pit for bentonite clay. The clay will be excavated using D-9 dozers and 988 loader. It will then be crushed and screened, then hauled approximately 18 miles along existing county and state roads to the ECDC landfill near East Carbon, for use as liner material for the ECDC landfill. The operator plans to excavate approximately 130,000 cubic yards of clay in a period of 90 days. Intermittent mining may continue on an as-needed basis following the initial 90 day development/extractive phase.

**After Operations:**

ECDC will backfill and regrade quarried areas to slopes no steeper than 2h:1v. Roads and pads will be ripped and regraded where appropriate. All reclaimed areas will be mulched, fertilized and reseeded with an approved seed mixture. All structures and equipment will be removed from the site. Portions of the access road leading into the site will be left for post-mine landuse.

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Executive Summary  
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**Surety:**

**Amount:** 24.100 (2003 dollars)  
**Form:** Surety Bond  
**Renewable Term:** 5 years

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4:ECDC





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DOG M DIRECTOR'S SIGNATURE TRACKING SHEET

The attached Replacement Surety was reviewed and  
indorsed by the following persons prior to recommending  
your approval.

Lowell Braxton

Date: 10/19

M. A. Wright

Date: 10/19

Staff: DWH

Date: 10/19

This has gone thru legal review by Megan